

Resume - Fabien Molinet

C#, VB.NET, ASP.NET, SQL Server, Reporting Services, Pivotal

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Fabien Molinet
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Consultant / Software Engineer

Proficient .NET Analyst specialising in C#, ASP.NET and SQL Server with nearly 6 years of professional IT experience. With many .NET applications developed in production within public and private enterprises, I am able to exhibit the abilities required to accomplish an array of projects. My main technical qualifications are listed below:

- Object Oriented Programming, UML/Merise modeling
- Client/Server Programming, n-Tier Architectures, Multi-Threaded applications, SOA
- Development and design of .NET applications (C# or VB.NET), Winform and Web (ASP.NET)
- Development and migration of VBA code to VSTO
- HTML, CSS, Javascript (see some of my articles), XML, XSL
- Microsoft SQL Server, TSQL, query optimisation, Oracle, PL/SQL
- Design of reports (Reporting Services, Active Reports or Crystal Reports)
- Web development using PHP5, Zend Framework, JQuery, Prototype, Doctrine



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Background and Education

- Born 14 June, 1985, and currently living in Sélestat, France
- IT work experience since 2005
- Bachelor of Computer Science, University Robert Schuman, France
- Certification Microsoft SQL Server 2005 (70-431)
- Training on Jahia (JSR168 portal and CMS) by Jahia Ltd firm
- Training on Pivotal 6 CRM by CDC Software

Languages

- English: Fluent
- French: Mother tongue

CRM software engineer

(since April 2011)

Analyst in a marketing context

Hager, Obernai, France

- Work on the integration of Pivotal CRM with SAP: work with other Hager teams, development of specifications, implementation. Development of a RFC Layer: RFC Client, RFC Server, caching (SAP .NET connector, multi-threading, custom caching, C# 3.5, Linq, lambda expressions and Log4net)
- Creation of Exchange appointments/tasks and their corresponding items in the CRM via BlackBerry. (Kerberos delegation, .NET 3.5, WCF, JQuery and WebDav calls)
- Complete redesign of the relations in the CRM: development of the specifications, implementation and data migration for all markets to conform to the new development (C# 3.5, Linq, Pivotal CRM, T-SQL).
- Work on the performance field: rewrite of TSQL, rewrite of code logic, analysis of execution plans, use of the SQL Server Profiler and Tuning Advisor, many useful indexes and statistics added. Creation of a replicated database, using transactional replication, for reporting and business analysis (production database is now way less loaded).
- New functionalities and reports added to the CRM (C# 3.5, Reporting Services, Pivotal CRM)
- Sharepoint configuration and new content added (Sharepoint, ASP.NET, C# 3.5)

Financial software engineer

(June 2010 - April 2011)

Development on Ambit/42™ product

Sungard (Northern Arch), Christchurch, New Zealand

- Proactive, many ideas proposed to improve 42™ have been implemented
- Implementation of customer requests in collaboration with design team and QA team. New functionalities have been developed: business logic modified, data access, screens and testing added (C# 4, Lambda Expressions, Linq, Winform, TSQL, PL-SQL).
- Work on performance issue: rewrite of TSQL, PL-SQL and code logic
- Work on UI improvements: automatic exception handling from the business logic to the UI using lambda expressions, reflection and user controls
- Rework of some parts of the core to use generics, interfaces and co-variance (C# 4)
- Unit testing using NUnit and Resharper
- Trained development team to advanced source control features (SVN)

T&S Consultancy - Project Samples

(August 2008 - May 2010)

Analyst in a customer relations context

Credit Mutuel Group, Strasbourg, France

- CTI/Telephony application used by advisers and their supervisors (C# 3.5, COM Interop, multi-threading)
- Development of a proxy supplying statistics to advisers (C# 3.5, multi-threading)
- CRM Pivotal 5.9 expertise (C#): many screens added/modified and computer telephony integration
- Web pages with AJAX integrated to the CRM (ASP.NET, JQuery, ASP.NET, Web services)
- Set up of PL/SQL and Oracle statements using TOAD for future applications

Analyst in a marketing context

Hager, Obernai, France

- Setting up multimarket, key performance indicators, dashboard, sales objectives and system follow. Pivotal 6, Client/Server in C# 3.5, ASP.NET, SQL Server 2005 (triggers, stored proc, functions, views, ...)
- Reports designing and response times optimisation (Reporting Services)
- Applications and web services development to interact with firm's software packages

Project manager

De Dietrich, Zinswiller, France

- Coordination and management of a five persons team on migration of VBA macros to VSTO
- Project planning and follow-up of the work
- Formed team members to Visual Studio Tools for Office technology (VSTO)

O.O.P. and .NET trainer

Clestra, Strasbourg, France

- Trained IT team to basic object oriented programming and to the .NET framework

Analyst in an industrial context

Capsugel, Colmar, France

- Interaction with equipment in .NET (serial link and NPort development): industrial scales, spectrographs ...
- Analysis, development and debug of applications and libraries (VB.NET, ERP Protean)
- Migration of applications using ERP Protean from C# and VB6 to VB.NET
- Reporting using Active Report
- Testing and logging layer added to applications (VB.NET, Log4net)
- Deliverables execution (specification and installation documents)
- Test campaigns executions in order to validate softwares (FDA requirements United States)

Analyst in an industrial context

Knauf, Wolfganzen, France

- Parse and check PDF files containing numerous bills (OCR, C#, PDFBox)
- Logging improved in many applications using new appenders (Log4net, C#)
- Office macro migration from VBA to Visual Studio Tools for Office (VSTO, C#)

Bull Consultancy - Project Samples

(August 2007 - August 2008)

Analyst/Integrator in an international organisation

Council of Europe, Strasbourg, France

- Web application analysis and development (mainly C#, ASP.NET and some Javascript, Java, Jaha, SQL Server)
- Compliance with Council of Europe software standards
- Software code auditing on behalf of the Council of Europe: rivals firms applications analysed and tested
- Functional and technical documentation writing, scope estimating, ...
- Integrating .NET applications on pre-test, testing and pre-prod environment
- Integrating Java and Cocoon applications on Debian systems (using Ant and Maven)
- Reproduced Council of Europe environment on virtual machines (Active directory, mail server, services, ...) for testing purposes (documentation, batches and TSQL)
- Trained IT Team to source control branching and other source management features (SVN)

Perinfo Analyst

(September 2005 - July 2007)

Software package analyst/developer

Perinfo, Strasbourg, France

- Evolved fat client to a 3/3 architecture (application and presentation server C#/Delphi.NET, Web services)
- Developed web applications (ASP.NET/C# and Web services): CRM, web terminal for drivers, online order and mission reservation by customers. PDF/CSV generated on the fly using XSL/FO (J2EE servlet), work to improve the performance in the .NET environment
- Worked on ERP GESCAR (Delphi 6): analysis, quotes, bills, software follow up and debug

Trainee experience

May 2005 (2 months)

Voice over IP developer

University Marc Bloch, Strasbourg, France

Peer to peer VoIP: Speex encoding, recordings on a server, XML for communications and multilingual (Java/J2EE)

July 2004 (1 month)

Ticketing application dev

Erstein's Town hall, Erstein, France

Ticketing application execution: priority management, statistics, administrative backoffice (PHP).

Other work experience

- 2008-2009: Javascript Select_Fix (see articles on <http://fabien-molinet.fr/>) used by several individuals
- 2008: Gescom web application: stock/resources/contacts/commercial management, audit objects, log any changes (Zend Framework - PHP, Prototype - JS)
- 2007: Generic web sites for car resellers and garage owners (PHP5)
- 2006: Gotserv.com and Netingame.com firms: remunerated development missions (CSS/XHTML)
- 2006: E-commerce Empires website, a French fashion products firm based in Ajaccio (Joomla, CSS/XHTML, PHP)

Hobbies

- Cinema
- Jogging
- Rollerblading
- Photography
- Hiking and camping
- Travelling